

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075402.D
 Acq On : 22 Feb 2023 16:31
 Operator : KP/SY
 Sample : 01636-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-022123

Quant Time: Feb 22 22:39:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.863	168	256	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.781	114	879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	719	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	113	50.000	ug/l	#-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	434	206.855	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 413.700%#	
35) Dibromofluoromethane	7.799	113	341	65.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.700%	
50) Toluene-d8	10.263	98	1172	62.235	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.480%	
62) 4-Bromofluorobenzene	12.569	95	262	41.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.860%	

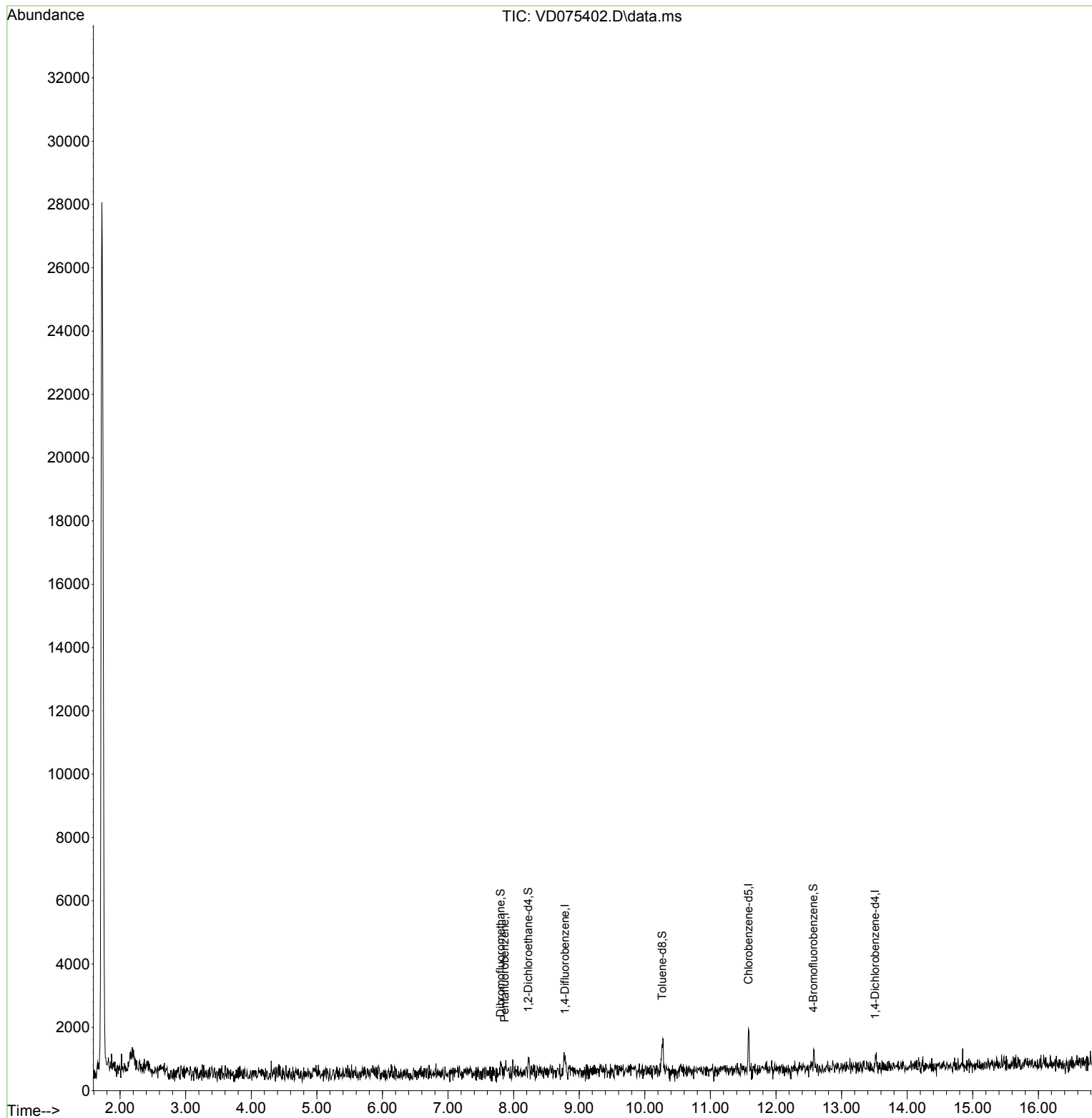
Target Compounds	Qvalue

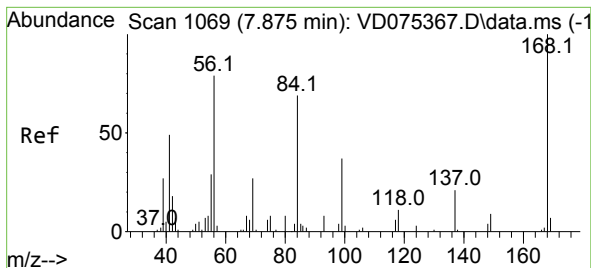
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.863 min Scan# 1106

Delta R.T. -0.012 min

Lab File: VD075402.D

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MSVOA_D

ClientSampleId :

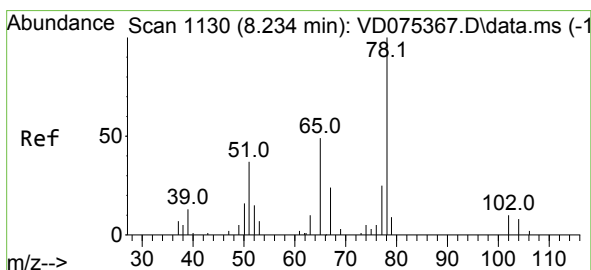
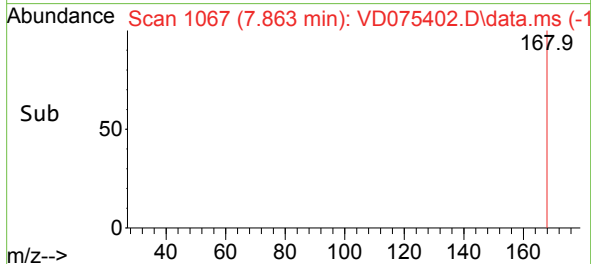
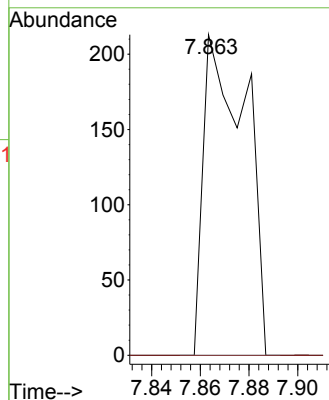
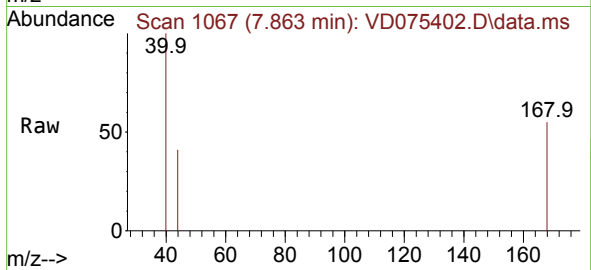
OR-02-022123

Tgt Ion:168 Resp: 256

Ion Ratio Lower Upper

168 100

99 0.0 43.8 65.6#



#33

1,2-Dichloroethane-d4

Concen: 206.855 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VD075402.D

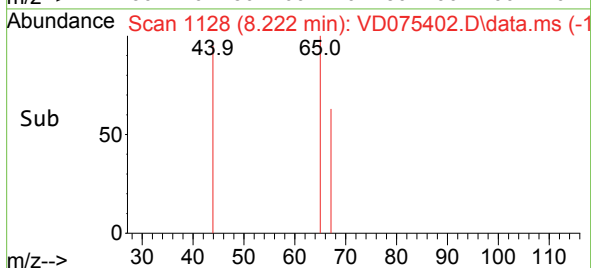
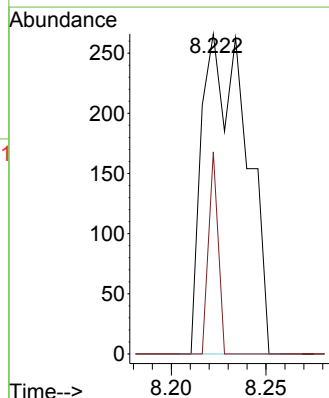
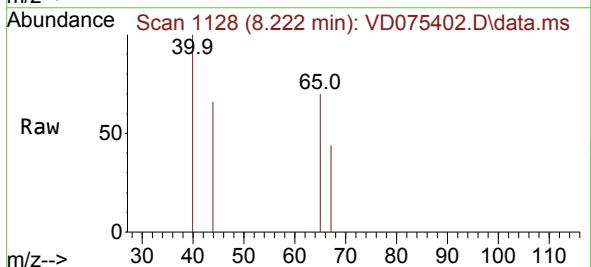
Acq: 22 Feb 2023 16:31

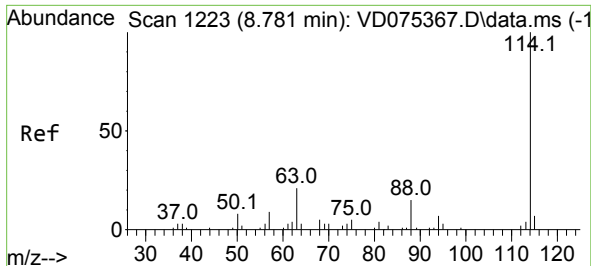
Tgt Ion: 65 Resp: 434

Ion Ratio Lower Upper

65 100

67 13.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075402.D

Acq: 22 Feb 2023 16:31

Instrument :

MSVOA_D

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OR-02-022123

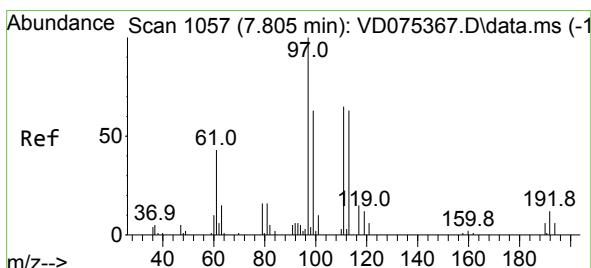
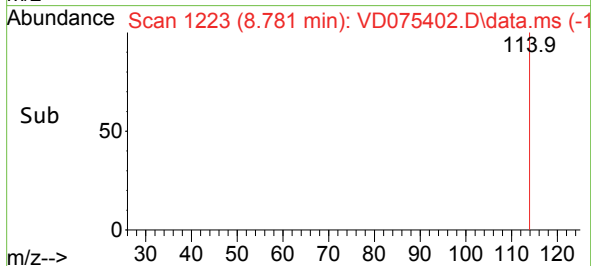
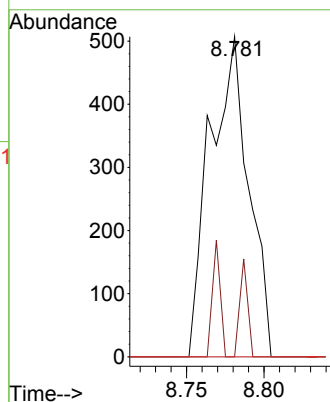
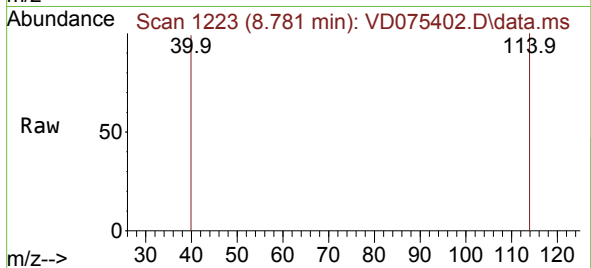
Tgt Ion:114 Resp: 879

Ion Ratio Lower Upper

114 100

63 0.0 0.0 41.6

88 0.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 65.349 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD075402.D

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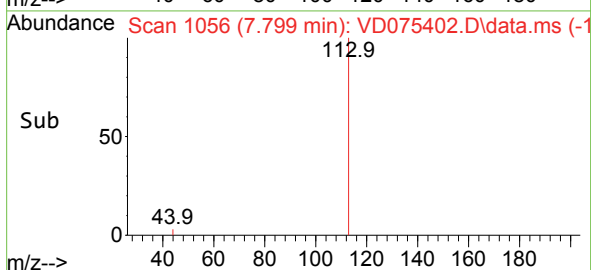
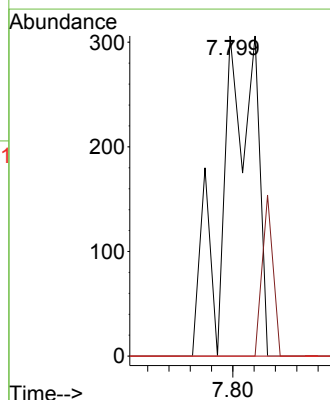
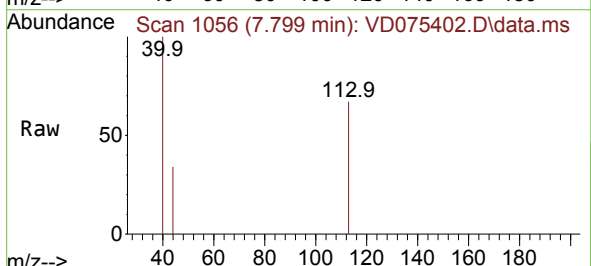
Tgt Ion:113 Resp: 341

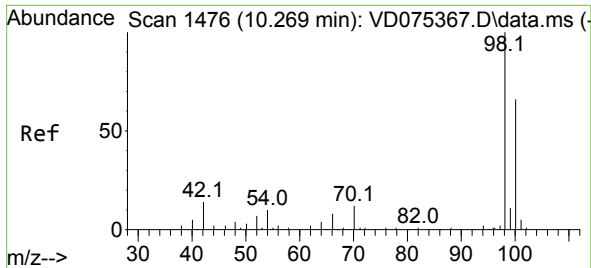
Ion Ratio Lower Upper

113 100

111 15.8 81.4 122.0#

192 0.0 15.2 22.8#

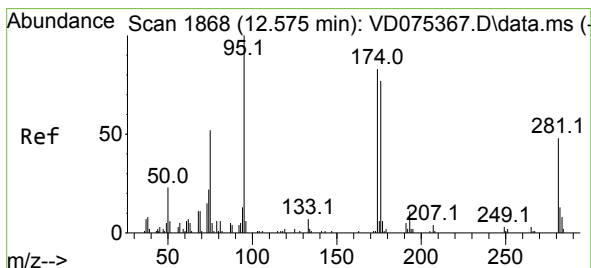
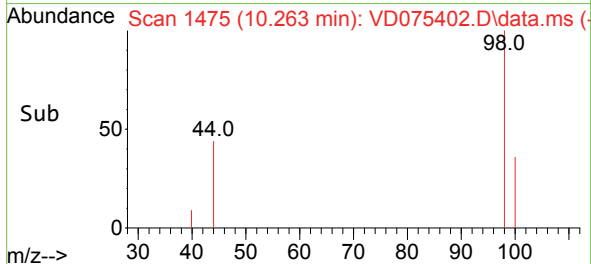
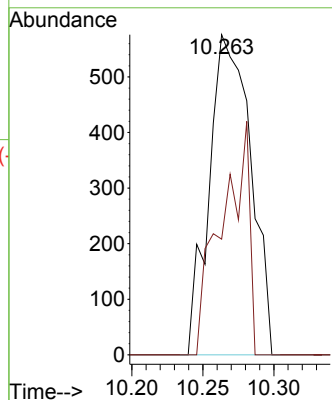
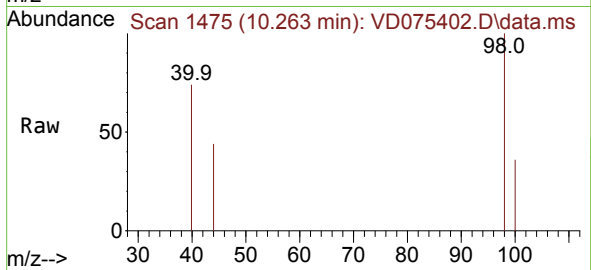




#50
Toluene-d8
Concen: 62.235 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD075402.D
Acq: 22 Feb 2023 16:31

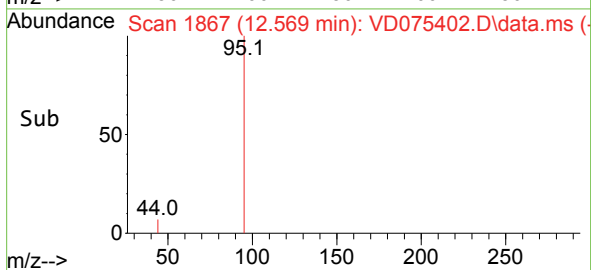
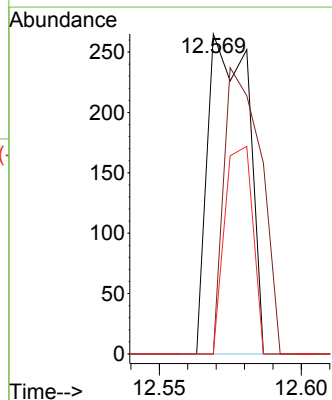
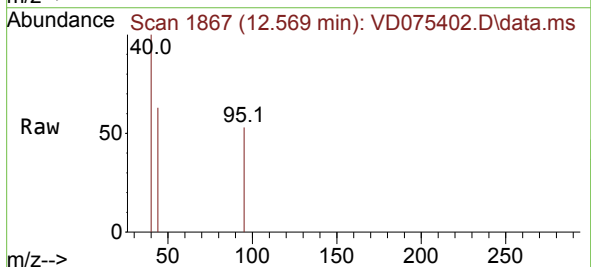
Instrument :
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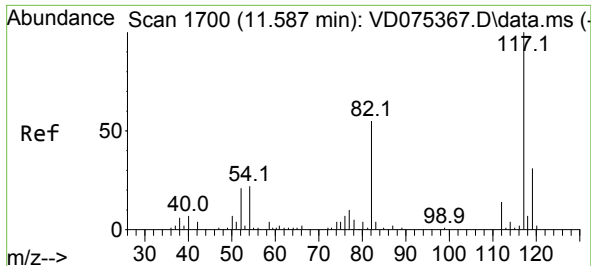
Tgt Ion: 98 Resp: 1172
Ion Ratio Lower Upper
98 100
100 48.3 52.1 78.1#



#62
4-Bromofluorobenzene
Concen: 41.433 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD075402.D
Acq: 22 Feb 2023 16:31

Tgt Ion: 95 Resp: 262
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 45.4 0.0 156.8

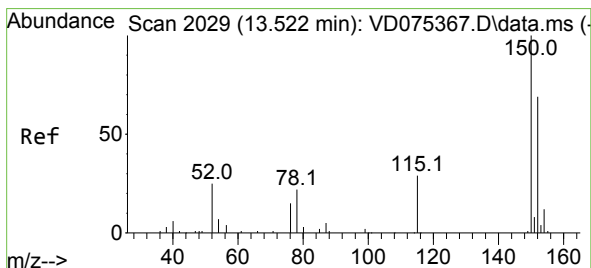
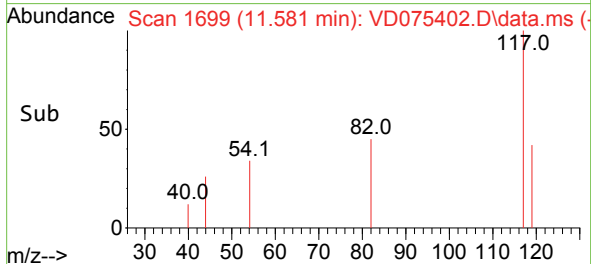
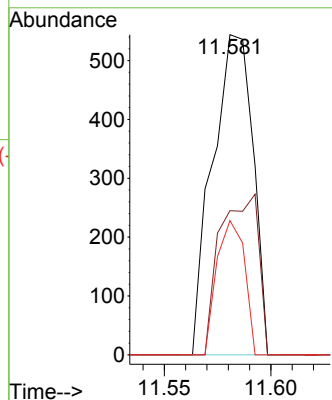
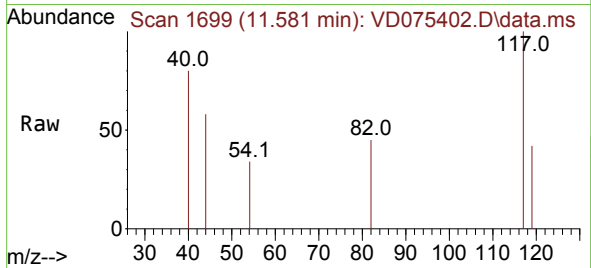




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075402.D
Acq: 22 Feb 2023 16:31

Instrument :
MSVOA_D
ClientSampleId :
OR-02-022123

Tgt Ion:117 Resp: 719
Ion Ratio Lower Upper
117 100
82 45.0 44.0 66.0
119 41.9 25.1 37.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.012 min
Lab File: VD075402.D
Acq: 22 Feb 2023 16:31

Tgt Ion:152 Resp: 113
Ion Ratio Lower Upper
152 100
115 0.0 30.1 90.3#
150 283.2 0.0 364.8

